

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---------------------------------|------------------|
| - | 732 | (348/302 348/308).ccls. | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 11:16 |
| - | 13 | (348/302 348/308).ccls. and ref | USPAT; US-PGPUB; EPO; JPO | 2004/09/02 14:46 |
| - | 36 | (348/302 348/308).ccls. and ramp near6 voltage | USPAT; US-PGPUB; EPO; JPO | 2004/09/02 15:30 |
| - | 205 | (348/302 348/308).ccls. and active near3 pixel near3 sensor | USPAT; US-PGPUB; EPO; JPO | 2004/09/02 15:30 |
| - | 2 | (348/302 348/308).ccls. and active near3 pixel near3 sensor with ramp | USPAT; US-PGPUB; EPO; JPO | 2004/09/02 15:31 |
| - | 7 | (348/302 348/308).ccls. and active near3 pixel near3 sensor and ramp near3 voltage | USPAT; US-PGPUB; EPO; JPO | 2004/09/02 15:31 |
| - | 513 | 348/241.ccls. | USPAT; US-PGPUB; EPO; JPO | 2004/09/14 16:07 |
| - | 17 | 348/241.ccls. and ramp | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 09:13 |
| - | 311 | 348.clas. and ramp near2 voltage | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 09:13 |
| - | 13 | 348.clas. and ramp near2 voltage with range | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 09:53 |
| - | 0 | 348.clas. and ramp near2 voltage with light near3 intensity | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 09:54 |
| - | 5 | 348.clas. and ramp near2 voltage with intensity | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:01 |
| - | 7 | 348.clas. and ramp near2 voltage with light | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:02 |
| - | 1794 | 348.clas. and (low dim) near2 light | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:08 |
| - | 15 | 348/221.1.ccls. and (low dim) near2 light | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:03 |
| - | 21 | 348.clas. and (low dim) near2 light with CMOS | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:09 |
| - | 6 | 348.clas. and (low dim) near2 light with CMOS and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:10 |
| - | 1433 | 348.clas. and (low dim) near2 light and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:11 |
| - | 0 | 348/241.clas. and (low dim) near2 light and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:11 |
| - | 0 | 348/302.clas. and (low dim) near2 light and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:27 |
| - | 0 | 348/216.ccls. | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:27 |
| - | 97 | 348/234.ccls. and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:28 |
| - | 419 | 348/241.ccls. and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:28 |

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| - | 50 | 348/216.1.ccls. and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:30 |
| - | 5 | 348/216.1.ccls. and CMOS and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:31 |
| - | 3 | 348/217.1.ccls. and CMOS and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:33 |
| - | 4 | 348/234.ccls. and CMOS and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 10:35 |
| - | 87 | 348/241.ccls. and CMOS and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 13:33 |
| - | 278 | 348.clas. and CMOS and light near2 intensity and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 13:34 |
| - | 21 | 348.clas. and CMOS and (low inefficient small) near3 light near2 intensity and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 14:08 |
| - | 3051 | ("707" "709").clas. and camera | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 14:08 |
| - | 7 | ("707" "709").clas. and camera with schedule | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 14:11 |
| - | 16 | ("707" "709").clas. and camera with timer | USPAT; US-PGPUB; EPO; JPO | 2004/09/15 14:11 |
| - | 3129 | CMOS near4 (imager "image sensor" "image pickup" pickup) | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 08:49 |
| - | 1108 | CMOS near4 (imager "image sensor" "image pickup" pickup) and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 08:49 |
| - | 760 | CMOS near (imager "image sensor" "image pickup" pickup) and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 08:49 |
| - | 94 | CMOS near (imager "image sensor" "image pickup" pickup) with (ramp voltage clock) and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 11:07 |
| - | 7 | CMOS near (imager "image sensor" "image pickup" pickup) with (low dim) near light and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 08:53 |
| - | 68 | 348/217.1.ccls. and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 09:35 |
| - | 50 | 348/216.1.ccls. and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 09:35 |
| - | 4 | (348/216.1 348/217.1).ccls. and ramp and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 09:37 |
| - | 13 | (348/216.1 348/217.1).ccls. and count and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 09:42 |
| - | 28 | (348/216.1 348/217.1).ccls. and clock and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 09:42 |
| - | 113 | (348/216.1 348/217.1).ccls. and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 11:23 |
| - | 1 | (348/216.1 348/217.1).ccls. and radiance and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 11:02 |
| - | 54 | (348/216.1 348/217.1).ccls. and light near level and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 11:02 |

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| - | 7 | CMOS near (imager "image sensor" "image pickup" pickup) with (low dim) near2 light and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/17 11:08 |
| - | 15 | CMOS near (imager "image sensor" "image pickup" pickup) with (count clock) and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/20 08:50 |
| - | 3 | ("6344877" "6115066" "5920274").pn. | USPAT; US-PGPUB; EPO; JPO | 2004/09/20 08:50 |
| - | 3 | ("4819075" "6130713" "5962844").pn. | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 08:36 |
| - | 1086 | "active pixel sensor" | USPAT; US-PGPUB; EPO; JPO | 2004/09/20 14:33 |
| - | 607 | "active pixel sensor" and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/20 14:51 |
| - | 103 | "active pixel sensor" and ((low dim) near light "low-light") and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/20 14:52 |
| - | 95 | "active pixel sensor" and ((low dim) near light "low-light") and CMOS and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/20 14:57 |
| - | 15 | "active pixel sensor" and ((low dim) near light "low-light") and CMOS and comparator and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/20 14:58 |
| - | 2610 | merrill.in. | USPAT | 2004/09/20 15:46 |
| - | 24 | (robert near merrill).in. | USPAT | 2004/09/20 15:47 |
| - | 0 | (robert near billings near merrill).in. | USPAT | 2004/09/20 15:47 |
| - | 124 | (richard near merrill).in. | USPAT | 2004/09/20 15:47 |
| - | 28 | (richard near billings near merrill).in. | USPAT | 2004/09/20 15:48 |
| - | 28 | (richard near billings near merrill).in. and CMOS "active pixel sensor" "light intensity" "low light" "low-light") | USPAT | 2004/09/20 15:49 |
| - | 17 | (richard near billings near merrill).in. and ("active pixel sensor" "light intensity" "low light" "low-light") | USPAT | 2004/09/20 16:01 |
| - | 3 | gowda.in. and count and @ad<20010216 | USPAT | 2004/09/20 16:01 |
| - | 1 | "20020113887" | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 08:37 |
| - | 1956 | iimura.in. | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 09:08 |
| - | 249 | (faster quicker) near2 count and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 09:09 |
| - | 1 | pixel near2 sensor and (faster quicker) near2 count and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 09:11 |
| - | 0 | CMOS with (faster quicker) near2 count and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 09:11 |
| - | 35 | CMOS and (faster quicker) near2 count and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 09:11 |
| - | 24 | (348/307 348/308 348/309 348/310).ccls. and ramp and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 11:17 |
| - | 8 | ((250/208.1).ccls. and ramp and @ad<20010216) and ((348/307 348/308 348/309 348/310).ccls. and ramp and @ad<20010216) | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 11:35 |
| - | 1 | 6580454.pn. | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 11:26 |
| - | 0 | 6580454.uref. | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 11:27 |

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| - | 6 | ("4707124" "5008757" "5461425" | USPAT | 2004/09/21 11:27 |
| - | 1 | "5565915" "6049357" "6191408").PN. 6633335.pn. | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 11:36 |
| - | 37 | (250/208.1).ccls. and ramp and @ad<20010216 | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 14:12 |
| - | 1 | 5877715.pn. | USPAT; US-PGPUB; EPO; JPO | 2004/09/21 14:12 |